

Title (en)
IMAGE PROCESSING DEVICE AND IMAGE PROCESSING METHOD

Title (de)
BILDVERARBEITUNGSVORRICHTUNG UND BILDVERARBEITUNGSVERFAHREN

Title (fr)
DISPOSITIF ET PROCÉDÉ DE TRAITEMENT D'IMAGE

Publication
EP 2903263 A1 20150805 (EN)

Application
EP 13840385 A 20130926

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• JP 2013005723 W 20130926

Abstract (en)
To increase the processing speed when median processing in the time direction is performed on color images, pixel values of each channel (R, G and B values) are extracted from multiple temporally consecutive frame images; subsequently, identifiers (index numbers) corresponding to frame images from which the pixel values are extracted are assigned to the pixel values; subsequently, a sorting process is performed on a set of pixel values of one channel (G values) to obtain an identifier assigned to a median value thereof; subsequently, a pixel value to which an identifier identical with that assigned to the median value is assigned is selected as a median value of each channel; and subsequently, a median image is generated on the basis of the median value of each channel obtained for each pixel.

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